AK

	Application No.	Applicant(s)
Notice of Allowability	10/075,134	DETWEILER ET AL.
	Examiner	Art Unit	
	Tom Gyorfi	2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the appeal brief filed 8/1/07*.

2. ☒ The allowed claim(s) is/are *1, 2, 4-6, 10-12, 15, 17, 18, 20-22, 26-28, 31, 47, and 48*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *11/28/07* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☒ Other *See Continuation Sheet*.

Continuation of Attachment(s) 9. Other: proposed amendment faxed 11/28/07 ("Exhibit A").

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Jack McKinney on November 28, 2007.

2.   The claims are to be amended as follows:

Claims 3, 7, 19, and 23 are cancelled.

Claim 1. (Currently Amended) A coordinated push synchronization method,

comprising the acts of:

detecting changes to a local application data store;

identifying a record affected by a detected change;

pushing the identified record to a remote application data store;

ascertaining whether the pushed record, in its current form as affected by the

detected change, has already been replicated or deleted in the remote application data

store in order to determine whether the remote application data store will be updated

with the pushed record;

if not, updating the remote application data store with the pushed record and

identifying the pushed record in the remote application data store as having been

pushed from the local application data store to the remote application data store,

otherwise ignoring the pushed record;

wherein the act of pushing the identified record comprises:

if the identified record has been detected as being new, pushing a replica of the

identified record with instructions to save the replica in the remote application data

store;

if the identified record has been detected as being modified, pushing a replica of

the identified record with instructions to save the replica in the remote application data

store replacing a prior version of the record; and

if the identified record has been detected as being deleted, pushing instructions

to delete a prior version of the identified record contained in the remote application data

store.

Claim 5. (Currently Amended) A coordinated user-initiated synchronization

method, comprising the acts of:

detecting changes to a local application data store;

identifying a record affected by a detected change;

ascertaining whether the pushed record, in its current form as affected by the

detected change, was pushed to the local application data store from a remote

application data store; and

if not, synchronizing the remote application data store with the local application

data store;

wherein the act of synchronizing comprises:

if the identified record has been detected as being new, replicating the identified

record in the remote application data store;

if the identified record has been detected as being modified, replicating the

identified record in the remote application data store replacing a prior version of the

record; and

if the identified record has been detected as being deleted, deleting the version

of the identified record from the remote application data store.

Claim 10. (Currently Amended) A coordinated push and user-initiated

synchronization method, comprising:

detecting changes to a local application data store;

identifying a first record affected by a detected change;

pushing the first record to a remote application data store;

ascertaining whether the pushed record, in its current form as affected by the

detected change, has already been replicated in or deleted from the remote application

data store and, if not, updating the remote application data store with the pushed

record;

detecting changes to the remote application data store;

identifying a second record in the remote application data store affected by a

detected change;

ascertaining whether the second record, in its current form as affected by the

detected change, has already been pushed into the remote application data store in

order to determine whether the remote application data store will be updated with the

pushed record and, if not, synchronizing the remote application data store with the local

application data store, otherwise ignoring the pushed record;

wherein the act of pushing the first record comprises:

if the first record has been detected as being new, pushing a replica of the first

record with instructions to save the replica in the remote application data store;

if the first record has been detected as being modified, pushing a replica of the

first record with instructions to save the replica in the remote application data store

replacing a prior version of the record; and

if the first record has been detected as being deleted, pushing instructions to

delete a prior version of the first record contained in the remote application data store.

Claim 17. (Currently Amended) A coordinated push synchronization computer

program product comprising a computer useable medium having computer readable

instructions thereon for:

detecting changes to a local application data store;

identifying a record affected by a detected change;

pushing the identified record to a remote application data store;

ascertaining whether the pushed record, in its current form as affected by the detected change, has already been replicated or deleted in the remote application data store in order to determine whether the remote application data store will be updated with the pushed record;

if not, updating the remote application data store with the pushed record and identifying the pushed record in the remote application data store as having been pushed from the local application data store to the remote application data store, otherwise ignoring the pushed record;

wherein the instructions for pushing the identified record comprise instructions for:

if the identified record has been detected as being new, pushing a replica of the identified record with instructions to save the replica in the remote application data store;

if the identified record has been detected as being modified, pushing a replica of the identified record with instructions to save the replica in the remote application data store replacing a prior version of the record; and

if the identified record has been detected as being deleted, pushing instructions to delete a prior version of the identified record contained in the remote application data store.

Claim 21. (Currently Amended) A coordinated user-initiated synchronization computer program product comprising a computer useable medium having computer readable instructions thereon for:

detecting changes to a local application data store;

identifying a record affected by a detected change;

ascertaining whether the pushed record, in its current form as affected by the detected change, was pushed to the local application data store from a remote application data store; and

if not, synchronizing the remote application data store with the local application data store:

wherein the instructions for synchronizing comprise instructions for:

if the identified record has been detected as being new, replicating the identified record in the remote application data store;

if the identified record has been detected as being modified, replicating the identified record in the remote application data store replacing a prior version of the record; and

if the identified record has been detected as being deleted, deleting the version of the identified record from the remote application data store.

Claim 26. (Currently Amended) A coordinated push and user-initiated synchronization computer program product comprising a computer useable medium having computer readable instructions thereon for:

detecting changes to a local application data store;

identifying a first record affected by a detected change;

pushing the first record to a remote application data store;

ascertaining whether the pushed record, in its current form as affected by the detected change, has already been replicated in or deleted from the remote application data store and, if not, updating the remote application data store with the pushed record;

detecting changes to the remote application data store;

identifying a second record in the remote application data store affected by a detected change;

ascertaining whether the second record, in its current form as affected by the detected change, has already been pushed into the remote application data store in order to determine whether the remote application data store will be updated with the pushed record and, if not, synchronizing the remote application data store with the local application data store, otherwise ignoring the pushed record;

wherein the instructions for pushing the first record comprise instructions for:

if the first record has been detected as being new, pushing a replica of the first record with instructions to save the replica in the remote application data store;

if the first record has been detected as being modified, pushing a replica of the first record with instructions to save the replica in the remote application data store replacing a prior version of the record; and

if the first record has been detected as being deleted, pushing instructions to delete a prior version of the first record contained in the remote application data store.
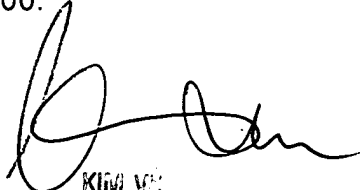
Conclusion

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tom Gyorfi whose telephone number is (571) 272-3849. The examiner can normally be reached on 8:30am - 5:00pm Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TAG
12/7/07

KIM VU
SUPERVISORY PATENT EX
TECHNOLOGY CENTER 21

	Application No.	Applicant(s)
Interview Summary	10/075,134	DETWEILER ET AL.
	Examiner	**Art Unit**
	Tom Gyorfi	2135

All participants (applicant, applicant's representative, PTO personnel):

(1) *Thanhgha Truong (Examiner's representative)*.　　　(3)_____.

(2) *Jack McKinney (Applicant's representative)*.　　　(4)_____.

Date of Interview: *28 November 2007*.

Type:　a)☒ Telephonic　b)☐ Video Conference
　　　c)☐ Personal [copy given to: 1)☐ applicant　2)☐ applicant's representative]

Exhibit shown or demonstration conducted:　d)☐ Yes　e)☐ No.
　If Yes, brief description: _____.

Claim(s) discussed: *1,2,4-6,10-12,15,17,18,20-22,26-28,31,47 and 48*.

Identification of prior art discussed: _____.

Agreement with respect to the claims f)☒ was reached.　g)☐ was not reached.　h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *See Continuation Sheet*.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an
Attachment to a signed Office action.

　　　　　　　　　　　　　　　　Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Primary Examiner Truong, acting on behalf and with the full knowledge and consent of the Examiner of record for the instant Application, proposed an amendment to the claims to put the case in conidition for allowance. Applicant's representative reviewed the proposal and faxed a response (see the enclosed "Exhibit A") explicitly listing the requested changes and indicated that, should the changes be acceptable to the Examiner, an Examiner's Amendment to officially incorporate the changes would be authorized.

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)
In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

EXHIBIT A

Attention : EXAMINER TRUONG

517 273 3858

·ATTORNEY DOCKET NO. EXTS113

IN THE
·UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Richard Detweiler, et al	**GROUP ART UNIT:** 2135
SERIAL NO.: 10/075,134	**EXAMINER:** Gyorfi, Thomas A
FILED: 11/19/2001	
TITLE: COORDINATED SYNCHRONIZATION	

PROPOSED AMENDMENTS

1

CLAIM LISTING

1. (currently amended) A coordinated push synchronization method, comprising the acts of:

detecting changes to a local application data store;

identifying a record affected by a detected change;

pushing the identified record to a remote application data store;

ascertaining whether the pushed record, in its current form as affected by the detected change, has already been replicated or deleted in the remote application data store in order to determine whether the remote application data store will be updated with the pushed record;

if not, updating the remote application data store with the pushed record and identifying the pushed record in the remote application data store as having been pushed from the local application data store to the remote application data store, otherwise ignoring the pushed record;

wherein the act of pushing the identified record comprises:

if the identified record has been detected as being new, pushing a replica of the identified record with instructions to save the replica in the remote application data store;

if the identified record has been detected as being modified, pushing a replica of the identified record with instructions to save the replica in the remote application data store replacing a prior version of the record; and

if the identified record has been detected as being deleted, pushing instructions to delete a prior version of the identified record contained in the remote application data store.

2. (previously presented) The method of Claim 1, wherein the act of ascertaining includes comparing a local change counter associated with the pushed record in the local application data store with a remote change counter associated with a corresponding record in the remote application data store.

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3. (cancelled)

4. (previously presented) The method of Claim 1, wherein the act of identifying the pushed record in the remote application data store as a pushed record comprises associating an indicator with the pushed record identifying the pushed record in the remote application data store as a pushed record.

5. (currently amended) A coordinated user-initiated synchronization method, comprising the acts of:

detecting changes to a local application data store;

identifying a record affected by a detected change;

ascertaining whether the identified record, in its current form as affected by the detected change, was pushed to the local application data store from a remote application data store; and

if not, synchronizing the remote application data store with the local application data store;

wherein the act of synchronizing comprises:

if the identified record has been detected as being new, replicating the identified record in the remote application data store;

if the identified record has been detected as being modified, replicating the identified record in the remote application data store replacing a prior version of the record; and

if the identified record has been detected as being deleted, deleting the version of the identified record from the remote application data store.

6. (previously presented) The method of Claim 5, wherein the act of ascertaining includes examining an indicator associated with a pushed record identifying the pushed record in the remote application data store as a pushed record.

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7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (currently amended) A coordinated push and user-initiated synchronization method, comprising:

    detecting changes to a local application data store;

    identifying a first record in the local application data store affected by a detected change;

    pushing the first record to a remote application data store;

    ascertaining whether the pushed record, in its current form as affected by the detected change, has already been replicated in or deleted from the remote application data store and, if not, updating the remote application data store with the pushed record;

    detecting changes to the remote application data store;

    identifying a second record in the remote application data store affected by a detected change;

    ascertaining whether the second record, in its current form as affected by the detected change, has already been pushed into the remote application data store in order to determine whether the remote application data store will be updated with the pushed record and, if not, synchronizing the remote application data store with the local application data store, otherwise ignoring the pushed record;

    wherein the act of pushing the first record comprises:

    if the first record has been detected as being new, pushing a replica of the first record with instructions to save the replica in the remote application data store;

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if the first record has been detected as being modified, pushing a replica of the first record with instructions to save the replica in the remote application data store replacing a prior version of the record; and

if the first record has been detected as being deleted, pushing instructions to delete a prior version of the first record contained in the remote application data store.

11. (previously presented) The method of Claim 10, wherein the act of ascertaining whether the pushed record has been replicated in or deleted from the remote application data store includes comparing a local change counter associated with the pushed record in the local application data store with a remote change counter associated with a corresponding record in the remote application data store.

12. (previously presented) The method of Claim 10, wherein the act of ascertaining whether the pushed record has been replicated in or deleted from the remote application data store includes examining an indicator associated with the pushed record identifying the pushed record in the remote application data store as a pushed record.

13. (cancelled)

14. (cancelled)

15. (currently amended) The method of Claim 10, further comprising, after updating the remote application data store with the pushed record, identifying the pushed record in the remote application data store as having been pushed from the local application data store to the remote application data store.

16. (cancelled)

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17. (currently amended) A coordinated push synchronization computer program product comprising a computer useable medium having computer readable instructions thereon for:

detecting changes to a local application data store;

identifying a record affected by a detected change;

pushing the identified record to a remote application data store;

ascertaining whether the pushed record, in its current form as affected by the detected change, has already been replicated or deleted in the remote application data store in order to determine whether the remote application data store will be updated with the pushed record;

if not, updating the remote application data store with the pushed record and identifying the pushed record in the remote application data store as having been pushed from the local application data store to the remote application data store, otherwise ignoring the pushed record;

wherein the instructions for pushing the identified record comprise instructions for:

if the identified record has been detected as being new, pushing a replica of the identified record with instructions to save the replica in the remote application data store;

if the identified record has been detected as being modified, pushing a replica of the identified record with instructions to save the replica in the remote application data store replacing a prior version of the record; and

if the identified record has been detected as being deleted, pushing instructions to delete a prior version of the identified contained in the remote application data store.

18. (previously presented) The product of Claim 17, wherein the instructions for ascertaining include instructions for comparing a local change counter associated

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with the pushed record in the local application data store with a remote change counter associated with a corresponding record in the remote application data store.

19. (cancelled)

20. (previously presented) The product of Claim 17, wherein the instructions for identifying the pushed record in the remote application data store as a pushed record comprise instructions for associating an indicator with the pushed record identifying the pushed record in the remote application data store as a pushed record.

21. (currently amended) A coordinated user-initiated synchronization computer program product comprising a computer useable medium having computer readable instructions thereon for:

      detecting changes to a local application data store;

      identifying a record affected by a detected change;

      ascertaining whether the identified record, in its current form as affected by the detected change, was pushed to the local application data store from a remote application data store; and

      if not, synchronizing the remote application data store with the local application data store;

      wherein the instructions for synchronizing comprise instructions for:

      if the identified record has been detected as being new, replicating the identified record in the remote application data store;

      if the identified record has been detected as being modified, replicating the identified record in the remote application data store replacing a prior version of the record; and

      if the identified record has been detected as being deleted, deleting the version of the identified record from the remote application data store.

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22. (previously presented) The product of Claim 21, wherein the instructions for ascertaining include instructions for examining an indicator associated with a pushed record identifying the pushed record in the remote application data store as a pushed record.

23. (cancelled)

24. (cancelled)

25. (cancelled).

26. (currently amended) A coordinated push and user-initiated synchronization computer program product comprising a computer useable medium having computer readable instructions thereon for:
  detecting changes to a local application data store;
  identifying a first record in the local application data store affected by a detected change;
  pushing the first record to a remote application data store;
  ascertaining whether the pushed record, in its current form as affected by the detected change, has already been replicated in or deleted the remote application data store and, if not, updating the remote application data store with the pushed record;
  detecting changes to the remote application data store;
  identifying a second record in the remote application data store affected by a detected change;
  ascertaining whether the second record, in its current form as affected by the detected change, has already been pushed into the remote application data store in order to determine whether the remote application data store will be updated with the pushed record and, if not, synchronizing the remote application data store with the local application data store, otherwise ignoring the pushed record;

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wherein the instructions for pushing the first record comprise instructions for:

if the first record has been detected as being new, pushing a replica of the first record with instructions to save the replica in the remote application data store;

if the first record has been detected as being modified, pushing a replica of the first record with instructions to save the replica in the remote application data store replacing a prior version of the record; and

if the first record has been detected as being deleted, pushing instructions to delete a prior version of the first record contained in the remote application data store.

27. (previously presented) The product of Claim 26, wherein the instructions for ascertaining whether the pushed record has been replicated in or deleted from the remote application data store include instructions for comparing a local change counter associated with the pushed record in the local application data store with a remote change counter associated with a corresponding record in the remote application data store.

28. (previously presented) The product of Claim 26, wherein the instructions for ascertaining whether the pushed record has been replicated in or deleted from the remote application data store include instructions for examining an indicator associated with the pushed record identifying the pushed record in the remote application data store as a pushed record.

29. (cancelled)

30. (cancelled)

31. (previously presented) The product of Claim 26, further comprising instructions for, after updating the remote application data store with the pushed record, identifying the pushed record in the remote application data store as having

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been pushed from the local application data store to the remote application data
store.

        32. (cancelled)

        33. (cancelled)

        34. (cancelled)

        35. (cancelled)

        36. (cancelled)

        37. (cancelled)

        38. (cancelled)

        39. (cancelled)

        40. (cancelled)

        41. (cancelled)

        42. (cancelled)

        43. (cancelled)

        44. (cancelled)

        45. (cancelled)

10

46. (cancelled)

47.(previously presented) The method of Claim 4, wherein the act of associating comprises setting a coordination flag for the pushed record.

48. (previously presented) The method of Claim 6, wherein the indicator comprises a coordination flag, a set coordination flag indicating that a record is a pushed record and a reset coordination flag indicating that the record is not a pushed record.

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REMARKS

In a telephone message left November 28, 2007, the Examiner indicated that Claim 1 would be allowable if amended to incorporate the limitations of Claim 3. The Examine also indicated that the remaining independent claims would be allowed with similar amendments. Based on the Examiner's suggestions, proposed amendments have been made to each of the independent claims. Should the Examiner find the proposed amendment acceptable, the Examine is authorized to enter the amendments by examiner's amendment.

Respectfully submitted,
Richard Detweiler, et al

By /Jack H. McKinney/

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November 28, 2007

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